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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/761,040	01/16/2001	Matti Salmi	460-010076-US(PAR)	4245

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PERMAN & GREEN  
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FAIRFIELD, CT 06824

EXAMINER
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GEREZGIHER, YEMANE M

ART UNIT	PAPER NUMBER
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2144

DATE MAILED: 10/22/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

## Office Action Summary

Application No.

09/761,040

Applicant(s)

SALMI ET AL.

Examiner

Yemane M Gerezgiher

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

### Status

- 1) ☒ Responsive to communication(s) filed on 16 January 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

### Disposition of Claims

- 4) ☒ Claim(s) 1-23 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-23 is/are rejected.
- 7) ☐ Claim(s) \_\_\_\_\_ is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

### Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 16 January 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.
- Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
- Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

### Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

### Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date 4.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

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#### DETAILED ACTION

1. This application has been examined. Claims 1-23 are pending.

#### Drawings

2. In view of Aho, Outi (WO 200133781 A1) Figures 1-3 and Figures 5a and 5b should be designated by a legend such as -- Prior Art-- because only that which is old is illustrated. See MPEP § 608.02(g). Corrected drawings in compliance with 37 CFR 1.121(d) are required in reply to the Office action to avoid abandonment of the application. The replacement sheet(s) should be labeled "Replacement Sheet" in the page header (as per 37 CFR 1.121(d)) so as not to obstruct any portion of the drawing figures. If the changes are not accepted by the examiner, the applicant will be notified and informed of any required corrective action in the next Office action. The objection to the drawings will not be held in abeyance.

#### Specification

3. The disclosure is objected to because of the following informalities: The specification should be arranged in accordance with the following:

#### Arrangement of the Specification

As provided in 37 CFR 1.77(b), the specification of a utility application should include the following sections in

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order. Each of the lettered items should appear in upper case, without underlining or bold type, as a section heading. If no text follows the section heading, the phrase "Not Applicable" should follow the section heading:

- (a) TITLE OF THE INVENTION.
- (b) CROSS-REFERENCE TO RELATED APPLICATIONS.
- (c) STATEMENT REGARDING FEDERALLY SPONSORED RESEARCH OR DEVELOPMENT.
- (d) INCORPORATION-BY-REFERENCE OF MATERIAL SUBMITTED ON A COMPACT DISC (See 37 CFR 1.52(e)(5) and MPEP 608.05. Computer program listings (37 CFR 1.96(c)), "Sequence Listings" (37 CFR 1.821(c)), and tables having more than 50 pages of text are permitted to be submitted on compact discs.) or  
REFERENCE TO A "MICROFICHE APPENDIX" (See MPEP § 608.05(a). "Microfiche Appendices" were accepted by the Office until March 1, 2001.)
- (e) BACKGROUND OF THE INVENTION.
  - (1) Field of the Invention.
  - (2) Description of Related Art including information disclosed under 37 CFR 1.97 and 1.98.
- (f) BRIEF SUMMARY OF THE INVENTION.
- (g) BRIEF DESCRIPTION OF THE SEVERAL VIEWS OF THE DRAWING(S).
- (h) DETAILED DESCRIPTION OF THE INVENTION.
- (i) CLAIM OR CLAIMS (commencing on a separate sheet).
- (j) ABSTRACT OF THE DISCLOSURE (commencing on a separate sheet).
- (k) SEQUENCE LISTING (See MPEP § 2424 and 37 CFR 1.821-1.825. A "Sequence Listing" is required on paper if the application discloses a nucleotide or amino acid sequence as defined in 37 CFR 1.821(a) and if the required "Sequence Listing" is not submitted as an electronic document on compact disc).

Appropriate correction is required.

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Claim Rejections - 35 USC § 102

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless -

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

5. Claims 1-23 are rejected under 35 U.S.C. 102(e) as being anticipated by Jaisimha et al. (U.S. Patent Number 6,487,663) hereinafter Jaisimha.

As per claim 1, A method for presenting information contained in messages in a user interface (UI) of a multimedia terminal (MS) (See Figure 3), in which method the message comprises at least one component (See Column 7, Lines 18-19, Jaisimha disclosed two components image and audio contained with in the message), and which message is transmitted to the multimedia terminal (MS) in a multimedia message transmission system, characterized in that in the method, a presentation model (SMIL) (See Column 7, Lines 1-23) is formed to contain information related to at least one component connected with the

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message, that said presentation model is supplemented with a reference to the location of data related to presenting at least one component in said message, (See Column 7, Lines 18-25, having therein a location reference to the enclosed components in the message) and that said presentation model (SMIL) is added to said message. See Column 5, Lines 11-29, Column 6, Line 67 through Column 7, Lines 25.

As per claim 2, The method according to claim 1, characterized in that said presentation model is set up in the terminal (MS') which transmits the message. (See Column 7, Lines 1-23 and Figure 3, Jaisimha taught a multimedia terminal generating the presentation model)

As per claim 3, The method according to claim 1, characterized in that said multimedia message transmission system comprises a multimedia message service center (MMSC), in which messages addressed to the multimedia terminal (MS) are received to be transmitted further to the multimedia terminal (MS), and that the presentation model is set up in the multimedia message service center (MMSC). See Figure 3, showing a multimedia server "MMSC" sending multimedia messages to a mobile station and, See Column 7, Lines 1-23 a presentation model of W3C's (SMIL) used in presenting the multimedia messages at a mobile user terminal)

As per claim 4, The method according to claim 1, characterized in that said presentation model is formed by using the SMIL format. (See Column 7, Lines 1-23, Jaisimha disclosed a presentation model SMIL)

As per claim 5, The method according to claim 1, characterized in that said data related to presenting the component comprises said component. (See Column 7, Lines 18-19, Jaisimha disclosed two components image and audio contained with in the message)

As per claim 6, The method according to claim 1, characterized in that said data related to presenting the component comprises the search address of said component. (See Column 7, Lines 18-19, Jaisimha disclosed a "src" or a source of the components used to search and execute the components contained in the message and See Figure 3, showing a remote search locations for the components to be played or displayed on the mobile terminal)

As per claim 7, The method according to claim 1, characterized in that the user interface (UI) of the terminal (MS) for presenting the message comprises at least a display,

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characterized in that at least one component comprises visual information, (See Column 7, Lines 18-19, Jaisimha disclosed a visual and audio components contained with in the message) wherein said presentation model is also supplemented with information about placing the component on said display (See Column 7, Lines 1-23, Jaisimha taught SMIL presentation which is used to coordinate placing and playing sequence of components contained in a multimedia message).

As per claim 8, The method according to claim 1, characterized in that the user interface (UI) of the terminal (MS) for presenting the message comprises at least audio means characterized in that at least one component comprises audio information, (See Column 7, Lines 18-19, Jaisimha disclosed a visual and audio components contained with in the message) wherein said presentation model is also supplemented with data about converting the component into audio information in the audio means. (See Column 7, Lines 1-23, Jaisimha taught SMIL presentation which is used to coordinate placing and playing sequence of components contained in a multimedia message where the components in the message are recognize by a sound controller and converted to audio).



As per claim 9, The method according to claim 1, characterized in that said presentation model is also supplemented with information about the time of effect of the component, such as a display time of an image or a text, or a time of repeating a sound. (This limitation is inherent future of the known presentation model SMIL (Synchronized Media Integration Language), according to the specification of SMIL 1.0 published in 1998; W3C defines SMIL as "a markup language designed to present multiple media files together. For instance, instead of using a video with an integrated soundtrack, a separate video and sound file can be used and synchronized via SMIL. This allows users to choose different combinations, e.g., to get a different language sound track, and permits text transcripts to be optionally presented; both options have accessibility benefits."), SMIL allows integrating a set of independent multimedia objects into a synchronized multimedia.

As per claim 10, The method according to claim 9, characterized in that the message comprises at least two components, wherein said presentation model is also supplemented with information about the mutual synchronization of the components. (This claim limitation is rejected for the same reason claim 9 is rejected).

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As per claim 11, The method according to claim 1, characterized in that the message comprises at least two pages, wherein said presentation model is supplemented with data about the order of presenting the pages. (See Column 7, Lines 18-19, two different components image and audio components displayed in the user interface of a mobile terminal, See Figures 3-5 and See rejection made to claim 9 above)

As per claim 12, A system for transmitting multimedia messages, comprising means (MMSC) (See Figure 1, a multimedia server transmitting multimedia components to a multimedia station) for transmitting a message to a multimedia terminal (MS) which comprises a user interface (UI) (See Figure 3, having therein a graphical user interface to interact with the message) for presenting information contained in the messages, and each message contains at least one component, (See Column 7, Lines 18-19, two components image and audio contained with in the message) characterized in that the system comprises means (MOD) for forming a presentation model (SMIL) (See Column 7, Lines 1-23) in the message, the presentation model (SMIL) comprising information related to presenting at least one component in said message, that said presentation model (SMIL) is supplemented with a reference to the location of data related to presenting at

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least one component in said message, (See Column 7, Lines 18-25, having therein a location reference to the enclosed components in the message) wherein the system comprises means (COMP) for attaching said presentation model (SMIL) in said message. See Column 5, Lines 11-29, Column 6, Line 67 through Column 7, Lines 25.

As per claim 13, The system for transmitting multimedia messages according to claim 12, characterized in that the terminal (MS') which transmits the message comprises means (COMP) to set up the presentation model. (See Figure 3-5 and Column 7, Lines 1-23, Jaisimha disclosed a mobile station generating and setting the presentation model)

As per claim 14, The system for transmitting multimedia messages according to claim 12, characterized in that it comprises a multimedia message service center (MMSC) which comprises means (MEM) for receiving messages addressed to the multimedia terminal (MS), means (MSG) for transmitting the messages further to the multimedia terminal (MS), and means (COMP) for setting up a presentation model. (See Figure 3-5 and Column 7, Lines 1-23, Jaisimha disclosed a mobile station generating and setting the presentation model).

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As per claim 15, The system for transmitting multimedia messages according to claim 12, characterized in that said presentation model is formed by using the SMIL format. (See Column 7, Lines 1-23, SMIL is used to present media components in a multimedia terminal)

As per claim 16, The system for transmitting multimedia messages according to claim 12, in which the user interface (UI) of the terminal (MS) presenting the message comprises at least a display, characterized in that at least one component comprises visual information, wherein said presentation model is also supplemented with data about placing the component on said display. (This claim limitation is rejected for the same reason claim 3 is rejected above)

As per claim 17, The system for transmitting multimedia messages according to claim 12, in which the user interface (UI) of the terminal (MS) presenting the message comprises at least audio means, characterized in that at least one component comprises audio information, wherein said presentation model is also supplemented with data about converting the component into audio information in audio means. (This claim limitation is rejected for the same reason claim 8 is rejected above).

As per claim 18, The system for transmitting multimedia messages according to claim 12, characterized in that said presentation model is also supplemented with information about the time of effect of the component, such as the time of displaying an image or a text, or the time of repeating a sound. (This claim limitation is rejected for the same reason claim 9 is rejected above)

As per claims 19 and 20 are rejected for the same reason claim 9 is rejected above.

As per claim 21, A transmitting multimedia terminal (MS) which comprises means (UI) for forming messages of at least one component, and means (RF) for transmitting the messages, characterized in that the multimedia terminal (MS) also comprises means (MOD) for forming a presentation model (SMIL) in the message, (See Column 7, Lines 1-19, two components image and audio contained with in the message represented using a formed presentation language SMIL) which presentation model (SMIL) comprises information related to presenting at least one component added in the message, (See Column 7, Lines 18-19, components added) and which presentation model (SMIL) is supplemented with a reference to the location of information related to presenting at least one component in said message.

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(See Column 7, Lines 18-25, having therein a location reference to the enclosed components in the message)

As per claim 22, A receiving multimedia terminal (MS) which comprises means (RF) for receiving messages, and a user interface (UI) for presenting information contained in the messages, (See Figure 3, showing a transmission means and a multimedia station having therein an interface for displaying the transmitted message) and each message contains at least one component, (See Column 7, Lines 1-19, two components image and audio contained with in the message represented using a formed presentation language SMIL) characterized in that the multimedia terminal (MS) also comprises means (MOD) for interpreting a presentation model (SMIL) formed in a message, which presentation model (SMIL) comprises information related to presenting at least one component, and which presentation model (SMIL) is supplemented with a reference to the location of information related to presenting at least one component in said message, (See Column 7, Lines 18-25, having therein a location reference to the enclosed components in the message) wherein the multimedia terminal (MS) comprises means (COMP) for finding out said presentation model (SMIL) from said message. (See Figure 3 and Column 7, Lines 18-

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19, Jaisimha disclosed a multimedia terminal, locating the multimedia components within the message).

As per claim 23, The multimedia terminal according to claim 21, characterized in that it is a mobile terminal (MS'). (See Figures 3-5, a mobile terminal displaying a multimedia message)

### Conclusion

6. The prior art made of record and not relied upon is considered pertinent to Applicant's disclosure.

- a. Boucher, Antoine et al. (US 6745368 B1) "Methods, apparatus, and systems for storing, retrieving and playing multimedia data"
- b. Chang, Subrina Shih-Pan et al. (US 6715126 B1) "Efficient streaming of synchronized web content from multiple sources"
- c. Wason, Andrew et al. (US 6701383 B1) "Cross-platform framework-independent synchronization abstraction layer"
- d. Hui, Jonathan et al. (US 20040030994 A1) "Synchronizing visual cues to multimedia presentation"
- e. Hui, Jonathan (US 6654030 B1) "Time marker for synchronized multimedia"

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- f. Bowman-Amuah, Michael K. (US 6640238 B1) "Activity component in a presentation services patterns environment"
- g. Bowman-Amuah, Michel K. (US 6615253 B1) "Efficient server side data retrieval for execution of client side applications"
- h. Jaisimha, Mysore Y. et al. (US 6487663 B1) "System and method for regulating the transmission of media data"
- i. Balabanovic, Marko (US 6480191 B1) "Method and apparatus for recording and playback of multidimensional walkthrough narratives"
- j. Arita, Kenji (US 6446082 B1) "Method of receiving time-specified program contents"
- k. Bowman-Amuah, Michel K. (US 6332163 B1) "Method for providing communication services over a computer network system"
- l. Hull, Jonathan J. et al. (US 20010020954 A1)  
"Techniques for capturing information during multimedia presentations"

**Foreign Patent Documents**

- m. AHO, O (WO 200133781 A) "Multimedia messaging service implementation for mobile communication networks, involves selecting multimedia components to be handled based on storage capacity of wireless application protocol terminal"



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n. HAUMONT, S et al. (WO 9966746 A) "Message delivery method in mobile telecommunication system"

**Non Patent Documents**

o. World Wide Web Consortium, "Synchronized Multimedia Integration Language (SMIL) 1.0 Specification", W3C, Jun. 15, 1998, retrieved October 7, 2004, < <http://www.w3.org/TR/REC-smil/> >

p. Rutledge, L et al., "Practical Application of Existing Hypermedia Standards and Tools", Proceedings of Digital Libraries 98, Pittsburgh, USA, June 1998, pp. 191-199.

q. D. Bulterman, et al., "GRiNS: an authoring environment for web multimedia", World Conference on Educational Multimedia, Hypermedia and Educational Telecommunications, ED-MEDIA 99, Seattle, WA, USA, 1999.

r. L. Rutledge et al., "The use of Smil: Multimedia research currently applied on a global scale", Modeling Multimedia Information and Systems Conference, Ottawa, October 1999, pp.1-17.

s. Flammia, G., "SMIL makes Web applications multimodal," Abstract, IEEE Intelligent Systems, vol. 13, No. 4 (Jul.-Aug. 1998).

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7. Any inquiry concerning this communication or earlier communication from the examiner should be directed to Yemane Gerezgiher whose telephone number is 703-305-4874 or (571) 272-3927 effective October 27, 2004. The examiner can normally be reached on Monday- Friday from 9:00 AM to 5:30 PM.

If attempts to reach the examiner by telephone are unsuccessful. The examiner's supervisor, William Cuchlinski, can be reached at (703) 308-3873 or (571) 272-3925 effective October 27, 2004.

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